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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

SECURITIES BLDG.

HELENA, MONTANA

VOL. VI No. 4

MCKEE PRINT.

April, 1958

Production of crude oil and condensate from the oil and gas areas of Montana for the month of April, 1958, averaged 74,915 barrels daily an increase of 216 barrels from the average March production of 74,699.

The nine refineries in the State processed 40,577 barrels of crude oil daily for the month of April, 1958, a decrease of 18,841 barrels daily from the 59,418 barrels processed daily during the month of March, 1958.

During April, 20 wells were completed, 15 oil, 0 gas wells and 5 dry holes.

During April, the Commission issued 33 permits to drill new wells an increase of 16 from the 17 permits issued during March.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF APRIL, 1958

IN STORAGE APRIL 1st:

By Producers	380,210
By Transporters	712,579
By Refiners	601,535

TOTAL STORAGE 1,694,323

Produced in Montana During Month.....	2,247,479
Imported During Month.....	539,662

TOTALS 4,481,464

DISPOSITION:

Refined in Montana.....	1,217,323
Exported	1,563,321
Used for Fuel or Lost.....	12,264

TOTAL 2,792,903

IN STORAGE APRIL 30th

By Producers	349,306
By Transporters	689,846
By Refiners	649,404

TOTAL STORAGE 1,688,556

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1958

Field	M Cu. Ft.
Bears Den	0
Big Coulee	48,094
Bowdoin	106,027
Bowes	64,684
Box Elder	0
Cabin Creek	64,913
Cedar Creek	259,928
Cut Bank (Including Reagan).....	716,379
Devon	0
Dry Creek	172,415
Elk Basin	33,962
Flat Coulee	38,709
Golden Dome	5,557
Hardin	6,215
Keith Block	158,634
Kevin Sunburst	87,151
Pine	85,474
Plevna	16,596
Utopia	52,076
Whitlash	108,395
Miscellaneous	54,180
TOTAL	2,079,389

Total Withdrawal for April, 1957
were 2,658,610 M Cu. Ft.

PRODUCER'S REPORT

MONTH OF APRIL, 1958

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek.....	4	814	2,810	.....	2,687	.....	937
2	Bannatyne.....	3	425	603	.....	603	.....	425
1	Belfry.....	1	.....	832	.....	787	.....	45
10	Big Wall.....	26	3,163	20,601	.....	19,497	625	3,642
7	Blackfoot.....	10	2,573	5,441	.....	5,061	.....	2,953
4	Border.....	8	.....	1,236	.....	1,236	.....	.....
19	Bowes.....	53	14,598	14,970	15,591	.....	810	13,167
1	Bredette.....	1	1,527	1,012	778	.....	.....	1,761
4	North Bredette.....	4	2,230	12,000	9,522	2,979	.....	1,729
1	Brorsen.....	1	1,235	1,592	1,572	.....	2	1,253
.....	Bynum.....	.....	114	.....	.....	.....	.....	114
4	Cabin Creek.....	70	20,921	356,263	356,164	.....	5,165	15,855
27	Cat Creek.....	97	6,190	14,590	11,346	3,785	11	5,638
1	Clark's Fork.....	1	447	310	.....	.....	.....	757
3	Clark's Fork North.....	5	4,532	10,687	.....	11,198	.....	4,021
2	Cupton.....	2	910	1,602	1,468	.....	.....	1,044
345	Cut Bank.....	1,155	123,742	193,381	200,011	.....	8	117,104
3	Deer Creek.....	5	1,729	7,302	6,256	.....	.....	2,775
3	Delphia.....	3	1,069	3,833	.....	4,069	.....	833
2	Devil's Basin.....	2	592	19	.....	41	.....	570
5	Dry Creek.....	5	1,721	6,398	6,804	.....	.....	1,315
20	Elk Basin.....	57	6,487	200,886	200,398	.....	.....	6,975
3	Fertile Prairie.....	3	1,970	1,755	2,492	.....	.....	1,233
2	Frannie.....	2	957	3,653	2,987	.....	.....	1,623
1	Gage.....	1	627	159	.....	.....	.....	786
3	Gas City.....	12	5,953	23,297	26,295	.....	.....	2,955
6	Glendive.....	12	6,119	54,199	55,780	.....	.....	4,538
5	Ivanhoe.....	13	4,611	29,734	.....	29,850	11	4,484
209	Kevin-Sunburst.....	1,469	17,843	83,868	83,900	.....	112	17,699
.....	Lake Basin.....	.....	562	.....	.....	.....	.....	562
1	Line Coulee.....	1	739	2,503	2,788	.....	.....	454
1	Little Beaver.....	7	1,679	15,457	15,623	.....	.....	1,513
3	East Little Beaver.....	4	2,994	6,375	6,878	.....	.....	2,491
5	Melstone.....	7	3,470	6,064	.....	6,855	.....	2,679
3	Mosser.....	8	620	620	.....	.....	.....	1,240
11	Outlook Area.....	12	12,230	39,131	.....	44,302	.....	7,059
10	Pennel.....	23	7,033	45,490	45,822	.....	.....	6,701
5	Pine.....	121	18,877	451,914	451,871	.....	1,386	17,534
79	Pondera.....	338	10,788	47,051	49,026	.....	.....	8,813
10	East Poplar.....	100	23,154	347,804	340,664	6,108	43	24,143
3	Northwest Poplar.....	4	1,180	1,944	2,170	.....	.....	954
3	Ragged Point.....	6	830	9,237	.....	8,298	.....	1,769
.....	Rattlesnake Butte.....	.....	86	.....	.....	.....	.....	86
4	Reagan.....	44	3,070	16,574	16,632	.....	.....	3,012
1	Repeat.....	1	1,027	3,618	3,699	.....	.....	946
4	Richey.....	8	4,858	10,695	11,708	.....	.....	3,845
1	Snyder.....	1	2,454	830	.....	1,374	.....	1,910
4	Soap Creek.....	17	13,227	4,350	.....	729	.....	16,848
1	Southwest Richey.....	1	1,562	6,047	6,265	.....	.....	1,344
21	Sumatra.....	63	18,792	119,376	122,713	1,972	.....	13,483
3	Sweetgrass Hills.....	3	525	523	.....	384	.....	664
10	Whitlash.....	28	9,027	9,295	11,463	.....	65	6,794
10	Wolf Springs.....	21	6,476	47,133	46,857	.....	.....	6,752
2	Woodrow.....	2	958	2,176	2,332	.....	.....	802
1	Yellowstone.....	1	893	239	.....	455	.....	677
890		3 846	380,210	2,247,479	2,117,875	152,270	8,238	349,306

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1957	27,121,962	74,306	27,037,808	74,076
First Quarter, 1958.....	6,728,571	74,761	6,644,211	73,824
April 30, 1958.....	2,247,479	74,915	2,270,145	75,671

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1957	319,586	745,067	776,264	1,840,917
March 31, 1958.....	380,210	712,578	601,535	1,694,323
April 30, 1958.....	349,306	689,846	649,404	1,688,556

*Includes Wyoming Oil.

TRANSPORTERS REPORT

MONTH OF APRIL, 1958

	Storage Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,687				2,687		
BANNATYNE—Truck			603			603			
BELFRY—Truck			787			787			
BIG WALL—Truck			19,497			10,250	9,247		
BLACKFOOT—Union Oil Co.			5,061			5,061			
BORDER—Truck			1,236			1,236			
BOWES—									
Trigood Oil Co.	8,097	586					1,222		7,461
The Texas Co.		15,005				15,005			
	8,097	15,591				15,005	1,222		7,461
BRORSON—Sun Oil Co.		1,572					1,572		
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	326,835	881,953		483,934	(4)		1,355,177		337,549
Shell Pipe Line Corp.	4,857	97,084			208			98,796	2,937
	331,692	979,037		483,934	204		1,355,177	98,796	340,486
CAT CREEK—									
Continental Pipe Line Co.	5,219	11,346			(26)	9,155			7,436
Wm. Hanlon			3,785			3,785			
	5,219	11,346	3,785		(26)	12,940			7,436
CLARK'S FORK—Truck			11,198				11,198		
CUT BANK—									
Big West Oil Co.		871		22,213		23,084			
Darling Gathering System Inc.	3,791	12,630				13,037			3,384
Phillips Petroleum Co.	31,622	38,045		2,639	395			53,237	18,674
Texas Pipe Line Co.	50,069	43,941		49,659	751	76,500		30,281	36,137
Toronto Pipe Line Co.	31,544	57,335			(198)			66,306	22,771
Union Oil Co.	168,536	47,459		43,203	266	83,839			175,043
	285,562	200,281		117,714	1,214	196,510		149,824	256,009
DEVILS BASIN—Truck			41			41			
DELPHIA—Truck			4,069			4,069			
DRY CREEK—Ohio Oil Co.	7,515	6,804			24	5,801			8,494
ELK BASIN—Ohio Oil Co.		200,398				144,716	55,682		
FRANNIE—Ohio Oil Co.		2,987					2,987		
GLENDIVE, DEER CREEK & WOODROW—									
The Texas Pipe Line Co.	8,237	65,249			715		37,129	27,707	7,935
IVANHOE—Truck			29,850				29,850		
KEVIN-SUNBURST—									
Big West Oil Co.	2,242	36,519				36,566			2,195
Homestake Oil & Gas Co.	74	4,152				4,099			127
The Texas Pipe Line Co.	4,082	38,396		1,465	(108)	39,969			4,082
Anna Aronow	130	1,465						1,465	130
	6,529	80,532		1,465	(108)	80,634		1,465	6,534
MELSTONE—Truck			6,855			6,855			
PONDERA—Phillips Petr. Co.	30,371	48,924		32,109	424	74,516			36,464
POPLAR, BREDETTE, OUTLOOK & LINE COULEE—									
East Poplar Gathering System.	16,528	354,602			(746)			357,430†	14,446
Truck			53,389				53,389		
	16,528	354,602	53,389		(746)		53,389	357,430	14,446
RAGGED POINT—Truck			8,298			8,298			
REAGAN—Union Oil Co.		16,632				16,632			
SNYDER—Truck			1,374			894	480		
SOAP CREEK—Truck			729				729		
SUMATRA—									
Powder River Pipe Line Co.	3,701	122,713			614	123,813			1,987
Trucks			1,972				1,972		
	3,701	122,713	1,972		614	123,813	1,972		1,987
SWEETGRASS HILLS—Truck			384			384			
WHITLASH—									
Homestake Oil & Gas Co.	1,004	765		10,089		9,484			2,374
Western Natural Gas Co.	713	9,289			(200)			10,089	113
Truck			1,409			1,409			
	1,717	10,054	1,409	10,089	(200)	10,893		10,089	2,487
WOLF SPRINGS—									
Powder River Pipe Line Co.	7,411	47,393				54,697			107
YELLOWSTONE—Truck			455			455			
TOTALS	712,578	2,164,115	153,679	645,311	2,115	775,090	1,563,321	645,311	689,846

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey and Southwest Richey Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF APRIL, 1958

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Union Oil Co.	Total By Fields
Bannatyne	.....	.....	.....	.....	.....	.....	603	.....	.....	603
Belfry	.....	186	.....	.....	.....	.....	.....	.....	.....	186
Big Wall	.....	.....	.....	.....	10,520	.....	.....	.....	.....	10,520
Blackfoot	.....	.....	.....	.....	.....	.....	.....	.....	4,848	4,848
Border	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,236
Bowes	.....	.....	.....	12,451	.....	.....	1,224	.....	.....	13,675
Cat Creek	.....	.....	8,755	.....	.....	3,008	.....	.....	.....	11,763
Clark's Fork	.....	.....	.....	.....	1,263	.....	.....	.....	.....	1,263
Cut Bank	22,865	.....	.....	.....	.....	.....	22,354	140,114	81,094	266,427
Delphia	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,377
Devils Basin	.....	.....	.....	.....	.....	183	.....	.....	.....	183
Dry Creek	.....	.....	.....	.....	6,595	.....	.....	.....	.....	6,595
Elk Basin	.....	43,532	44,862	.....	.....	.....	.....	.....	.....	88,394
Ivanhoe	.....	.....	.....	.....	.....	724	.....	.....	.....	724
Kevin-Sunburst	13,737	.....	.....	.....	.....	.....	.....	75,208	.....	88,945
Melstone	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,178
Pondera	533	.....	.....	.....	5,178	.....	51,253	.....	.....	51,786
Ragged Point	.....	.....	.....	.....	7,856	.....	.....	.....	.....	7,856
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	16,633	16,633
Sumatra	.....	.....	.....	.....	110,028	.....	.....	.....	.....	110,028
Sweetgrass Hills	385	.....	.....	.....	.....	.....	.....	.....	.....	385
Whitlash	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,893
Wolf Springs	.....	8,344	.....	.....	.....	.....	.....	9,485	1,403	10,893
Total Montana Oil	37,520	52,062	53,617	12,451	141,440	7,292	75,434	226,043	103,983	709,842
Canadian Oil Imported	.....	.....	.....	.....	.....	.....	.....	.....	2,642	2,642
Wyoming Oil Imported	.....	.....	268,985	.....	235,412	442	.....	.....	.....	504,839
TOTAL Montana, Canadian & Wyoming Oil	37,520	52,062	322,602	12,451	376,852	7,734	75,434	226,043	106,625	1,217,323

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year, 1957	25,264	575	37,438	63,277
April, 1957	19,677	245	19,776	39,698
April, 1958	23,661	89	16,827	40,577

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1957	40.13%	.40%	59.47%
April, 1957	49.57%	.62%	49.81%
April, 1958	58.31%	.22%	41.47%